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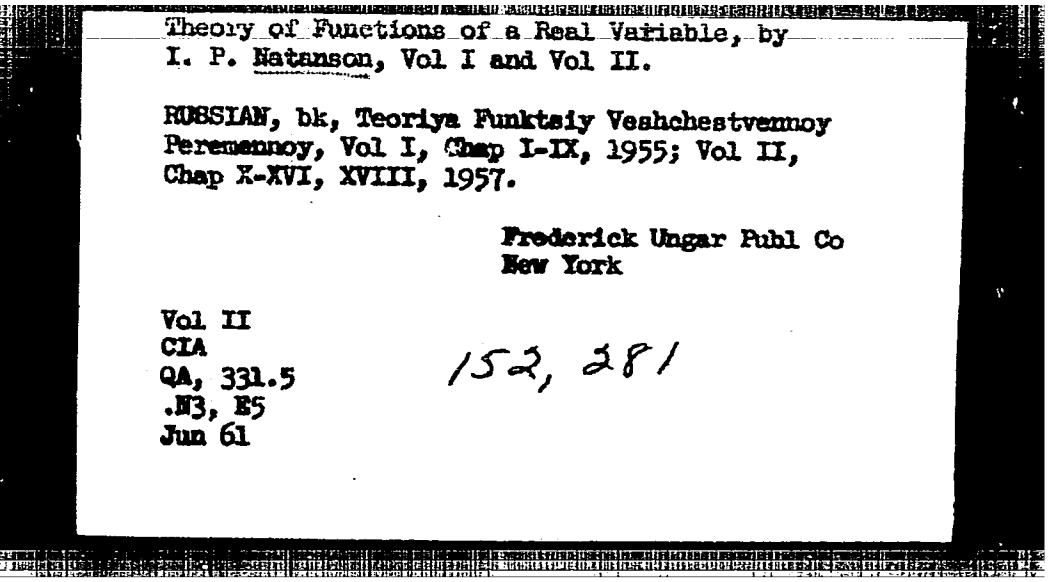

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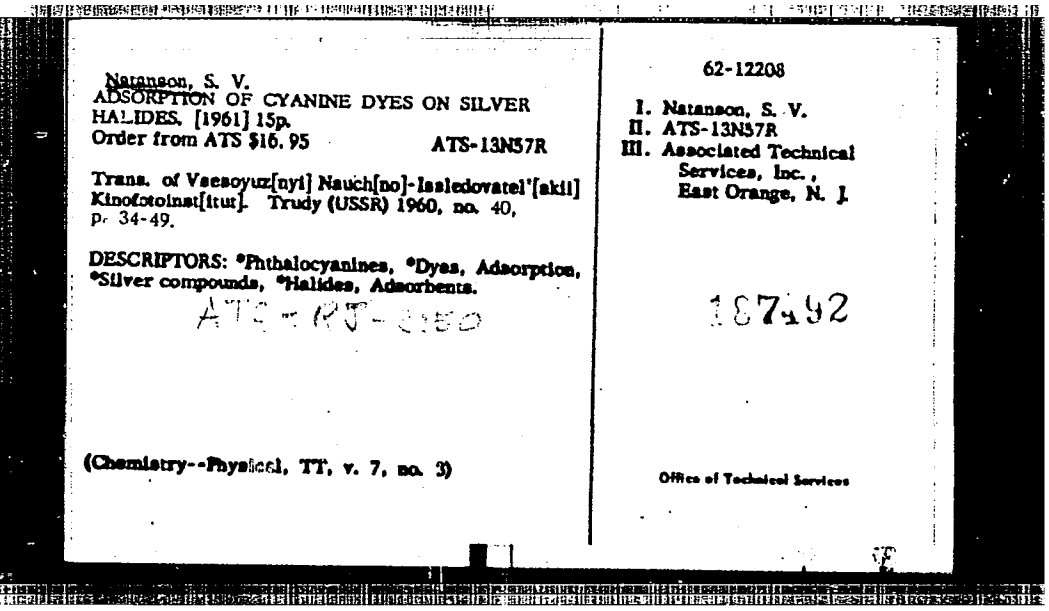

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DESCRIPTORS: *Phthalocyanines, *Dyes, Adsorption, *Silver compounds, *Halides, Adsorbents.

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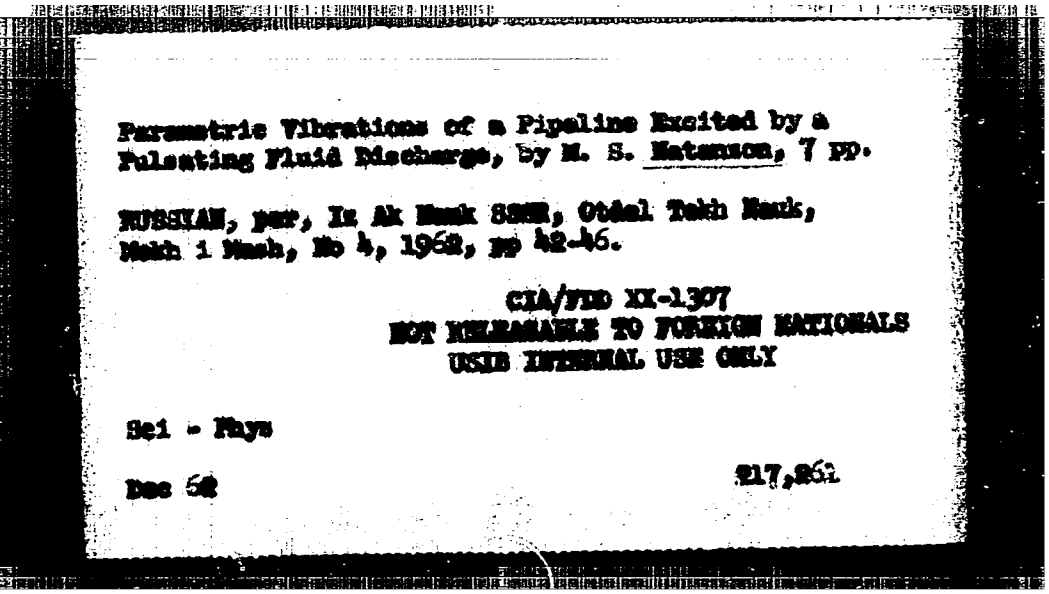

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Inhalation Anthrax and Anthrax Meningo-Encephalitis; Case, ~~Ibrgqx~~ by F. F. Inda, N. Matin, 11 pp. UNCL

SPANISH, per, Semana Medica, Vol II, 1947, pp 890-896.

ACSI H-8031
ID 2156415

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Sci - Min/Met

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

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LIMITING THE HOT-WATER TEMPERATURE IN "ENERGIYA" STEAM WATER-HEATERS (Ob Organicheniy Temperatury Nagreva Vody v Parovodonagrevatelyakh "Energiya"). [1961] [7]p. [DSIR LLU] M 2984.
Order from OTS or SLA $1.10 61-23348

Trans. of Vodosnabzheniye i Sanitarnaya Tekhnika (USSR) 1959, no. 12, p. 31-32.

DESCRIPTORS: *Water, *Temperature control, *Boilers.

The article was published to draw attention to serious short-comings in the operation of boilers and steam water-heaters working at low pressures in the USSR. (See also 61-23349)

(Engineering--Mechanical, TT, v. 6, no. 3)

61-23348

I. Natkovich, M. A.
II. DSIR LLU M. 2984

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

Characteristics of the System of Sodium and Lithium Transport Through the Wall of the Frog Bladder, by V. G. Leont'yev, Yu. V. Natochin, 11 pp.
RUSSIAN, per, Zhur Obsh Biolog, Vol XXV, No 3, May, Jun 1964, pp 210-216.
JPRS 26246

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PINOWARSKY, E.

Archiv Eisenhuttenwesen, vol. 11, 19 figures, 1 table, 3300 words; 1937.

Influence of additions of up to 0.1% Boron upon the Mechanical Properties of Cast Steel with 0-5% Nickel.

Brutcher, Trans. Order No. 1299, $4.10

A 5340

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

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Localization of the Action of Desoxycorticosterone in the Mammalian Kidney Nephron, by U. V. Natochin, T. V. Krestinskaya, A. A. Bronshtein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 5, 1960, pp 1177-.

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Succinic Dehydrogenase and the Active Transfer of Sodium in the Oxmoregulating Organs of Vertebrates, by Yu. V. Natochin, T. V. Krestinskaya, 7 pp.

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SLA 57-2845

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JPRS 9190
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(NY-6819)

A HIGHER LEVEL OF SCIENTIFIC RESEARCH,
BY A. G. NATRADZE, A. G. BAYCHIKOV,
12 PP.

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PP 12-16.

JPRS 12192

SCI MISC
FEB 62

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

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CTS 71/Aug 1955

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(NY-6503)

PRODUCTION OF MEDICINAL PREPARATION AN MEDICAL EQUIPMENT ITEMS IN THE PERIOD 1959-1965, BY A. G. NATRADZE, 105 PP.

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Scientific - Chemistry, chemotherapy

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JPRS 4067

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THE SYNTHESIS OF RACEMIC ISOPROPYLPILOSININE. Pt. 20 of Studies in the Pilocarpine Series of Alkaloids. [1961] 10p.
Order from ATS $13.80 ATS-81N48R

Trans. of Zhur[nal Obshchey Khim[ii] (USSR) 1947, v. 17, no. 9, p. 1718-1727.

(Biological Sciences--Pharmacology, TT, v. 5, no. 10)

61-12999

1. Alkaloids--Synthesis
I. Natradze, A. G.
II. Mikhlina, Ye. Ye.
III. Title: Studies...
IV. ATS-81N48R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

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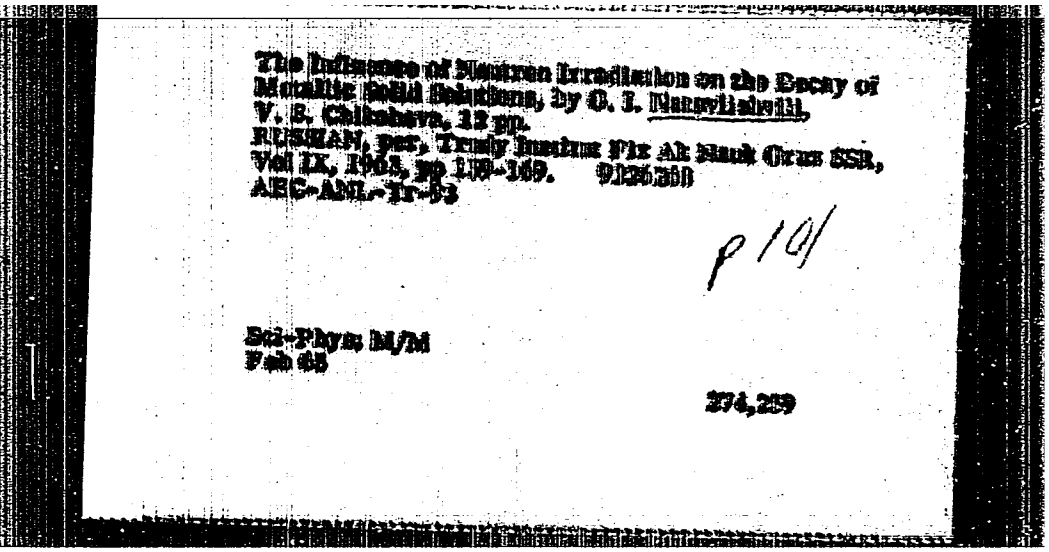

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Study of the Natural Faces of Zn with the Aid of an Electron Microscope, by G. I. Natsvlishvili.
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ITALIAN, PER, RINASCITA, VOL XIX, 15 SEP 1962, PP 3, XXX 4.

JPRS 15664

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(DC-3801)

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by Gian Carlo Pajetta, Alessandro Natta, 17 pp.

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pp 929-934.

JPRS 12473

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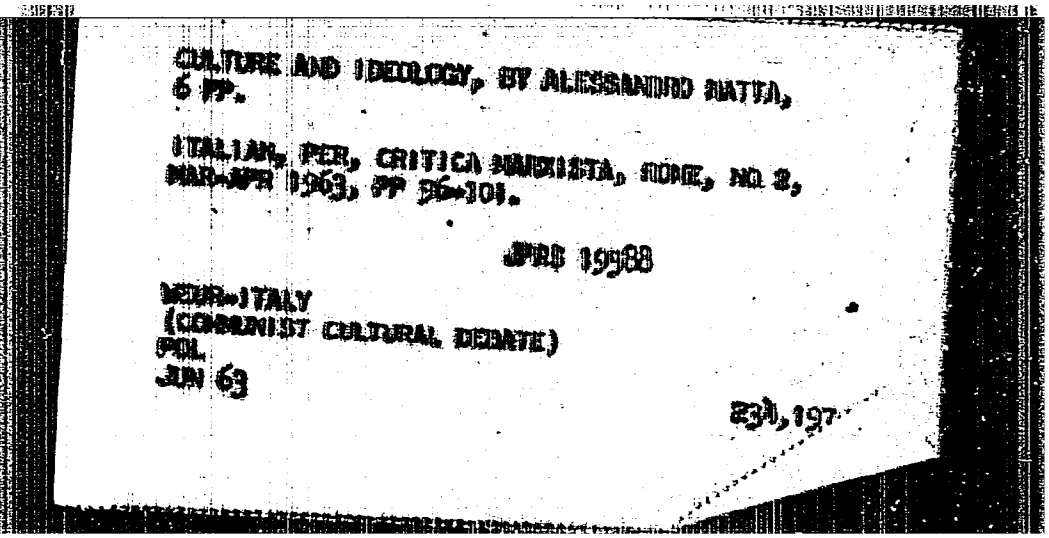

CULTURE AND IDEOLOGY, BY ALESSANDRO MATTA,
6 PP.

ITALIAN, PER, CRITICA MARXISTA, ROME, NO 2,
MAR-APR 1963, PP 96-101.

APR 19988

WEUR-ITALY
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BY ALESSANDRO NATTA, 13 PP.

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JPRS 17146

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Improvements in Needle Blocking Devices for Medical Syringes With Rings, With Handle, and the Ordinary Types, by Antonio Natta, 3 pp.

ITALIAN, Patent No 363,380.

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Alternating Stereospecific Copolymerization of Ethylene and 2-Butene, by G. Natta, G. Asta.
GERMAN, per, Kolloid-Zeit und Zeit fur Polymere, Vol 182, No 1-2, 1962, pp 50-60.
NTC 69-11482-07C

G. NATTA

Sci-Chem
July 69

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

Natta, G., Pasquon, I. and others.
KINETICS OF PROPYLENE POLYMERIZATION WITH HETEROGENEOUS CATALYSTS OF HIGH STEREO-SPECIFICITY. NOTE VII. STUDY OF THE POLYMER CHAIN INITATION STEPS. 15p. 14refs MTWL-1145
Order from OTS or ETC $0.80 63-26633

Trans. of la Chimica e l'Industria (Italy) 1962, v. 44, no. 6, p. 621-626.
Another trans. is available from CTS (Chem) $12.00, subsequent copies $2.00 ea. as CTS (Chem)-298, 3000 words.

DESCRIPTORS: *Propenes, *Polymerization, Mechanics, Chemical reactions, Catalysts, *Polyethylene plastics.

(Materials--Plastics, TT, v. 10, no. 10)

63-26633

I. Natta, G.
II. Pasquon, I.
III. MTWL-1145
IV. Stichting voor Moeilijk Toegankelijke Wetenschappelijke Literatuur (Netherlands).
V. Title: Study ...

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

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Natta, G., Ercoli, R., Calderazzo, F., and Santambrogio, E.
CONCERNING SOME REACTIONS OF THE ARYL-CHROMOTRICARBONYLS. [1963] 19p
Order from K-H $19.00 K-H 8891

Trans. of la Chimica e l'Industria (Italy) 1958, v. 40 [no. 12] p. 1003-1007.
Another trans. is available from SLA ml$2.70, ph$4.80 as 59-10425 [1959] 24p.

DESCRIPTORS: *Metalorganic compounds, Benzene derivatives, *Pyridines, *Chromium compounds, *Carbonyl radicals, Chemical reactions.

For abstract see Technical Translations 1: 398, 1959.

(Chemistry--Organic, TT, v. 10, no. 10)

63-22466

1. Title: Arene Chromotri-carbonyls
I. Natta, G.
II. Ercoli, R.
III. Calderazzo, F.
IV. Santambrogio, E.
V. K-H-8891
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Natta, G., Porri, L., and others.
OPTICALLY ACTIVE ISOTACTIC trans-1,
4 POLYPENTADIENE. Letter to the Editor. 1961,
900 words, 3 refs.
Order from CTS(Chem) $4.00 CTS(Chem)-216
subsequent copies $0.75/ea.

Trans. of [1a] Chimica e [1]'Industria (Italy) 1961,
v. 43, no. 3, p. 529.

DESCRIPTORS: *Pentadienes, Polymers, Synthesis,
Optics.

(Chemistry--Organic, TT, v. 6, no. 6)

61-22740

I. Natta, G.
II. Porri, L.
III. CTS(Chem)-216
IV. Chemical Translating
Service, Palo Alto,
Calif.

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DISTRIBUTION CURVE OF POLYMERS OBTAINED IN PROCESSES CHARACTERIZED BY TERMINATION THROUGH CHAIN TRANSFER WITH THE MONOMER. Note 2 on Calculation of the Distribution of the Molecular Weights in the Slow Polymerizations.
[1962] 28p. (figs. omitted) 6 refs.
Order from SLA $2.60 62-18918

Trans. of la Chimica e l'Industria (Italy) 1962, v. 44 [no. 1] p. 10-17.
Another trans. is available from CTS (Chem) $14.80 (subsequent copies $2.50/ea.) as CTS (Chem)-273, May 62, 3700 words.

DESCRIPTORS: Polymers, *Polymerization, *Molecular weight, Distribution, *Statistical functions, Numerical analysis, Partial differential equations.
(See also CTS(Chem)-272)
(Chemistry--Physical, TT, v. 9, no. 11)

62-18918

I. Natta, G.
II. Pasquon, I.
III. Dente, M.
IV. Title: Calculation...

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Natta, G., Asta, G. dall' and Mazzanti, G.
CRYSTALLINE ALTERNATING ETHYLENE-CYCLOHEPTENE COPOLYMERS. Jan 63, 3000 words, 8 refs.
Order from CTS(Chem) $12.00 CTS(Chem)-318
subsequent copies $2.00/ea.

Trans. of [la] Chimica e [l']Industria (Italy) 1962, v. 44, no. 11, p. 1212-1216.

DESCRIPTORS: Polymers, *Ethylenes, *Cycloheptenes, Copolymerization, Catalysts, Vanadium catalysts, Aluminum catalysts, Crystal structure, Chemical bonds, Heptenes.

(Chemistry--Organic, TT, v. 9, no. 6)

63-12661

I. Natta, G.
II. Asta, G. dall'
III. Mazzanti, G.
IV. CTS(Chem)-318
V. Chemical Translating Service, Palo Alto, Calif.

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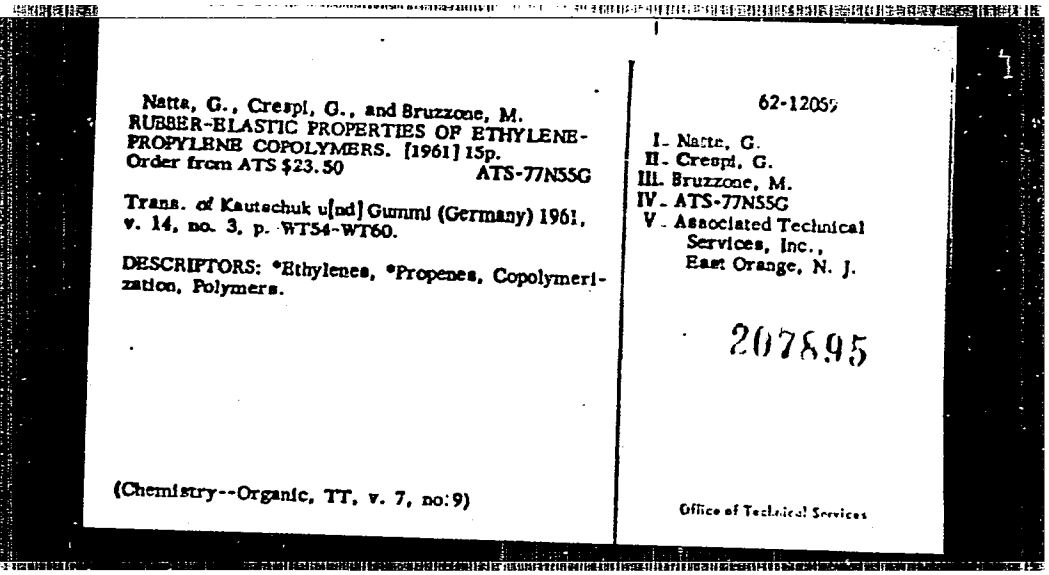

Natta, G., Crespi, G., and Bruzzone, M.
RUBBER-ELASTIC PROPERTIES OF ETHYLENE-PROPYLENE COPOLYMERS. [1961] 15p.
Order from ATS $23.50 ATS-77N55G

Trans. of Kautschuk u[nd] Gummi (Germany) 1961, v. 14, no. 3, p. WT54-WT60.

DESCRIPTORS: *Ethylenes, *Propenes, Copolymerization, Polymers.

(Chemistry--Organic, TT, v. 7, no:9)

62-12059

I- Natta, G.
II- Crespi, G.
III- Bruzzone, M.
IV- ATS-77N55G
V- Associated Technical Services, Inc., East Orange, N. J.

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Natta, G., Porri, Lido, and Carbonaro, A.
CRYSTALLINE ORGANOMETALLIC COMPLEXES CONTAINING ALUMINUM AND COBALT HAVING STEREOSPECIFIC CATALYTIC PROPERTIES. [1961] 6p. 2 refs.
Order from SLA $1.10 61-18845

Trans. of Accad[emia] Naz[iona]l [e del] Lincei. Classe [di] Sci[enze] Fis[iche] Mat[ematiche] e Nat[urali]. Rendiconti (Italy) 1960, v. 29 [no. 5] p. 491-496.
Another trans. is available from CTS (Chem) $9.60 as CTS (Chem)-221, 1961, 2400 words.

DESCRIPTORS: *Metalorganic compounds, *Complex compounds, *Aluminum compounds, *Cobalt compounds, Chemical reactions, Catalysts, Catalysis, Synthesis, Chemical properties.

(Chemistry--Organic, TT, v. 7, no. 1) (over)

61-18845

I. Natta, G.
II. Porri, L.
III. Carbonaro, A.

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Natta, G., Mazzanti, G. and others.
LINEAR ISOTACTIC HIGH POLYMERS OF ACETALDEHYDE. [1960] 9p.
Order from ATS $11.00 ATS-30M45I

Trans. of Accad[emia] Naz[iona]l [e dei] Lincei. Classe [di] Sci[enze] Fiziche, Matematiche e Nat[urali]. Rend[iconti] (Italy) 1960, v. 28, no. 1, p. 8-17.

ATS-676-IJ

(Chemistry--Organic, TT, v. 5, no. 2)

61-12093

1. Acetaldehyde--Polymerization
2. Title: Isotactic polymers
I. Natta, G.
II. Mazzanti, G.
III. ATS-30M45I
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

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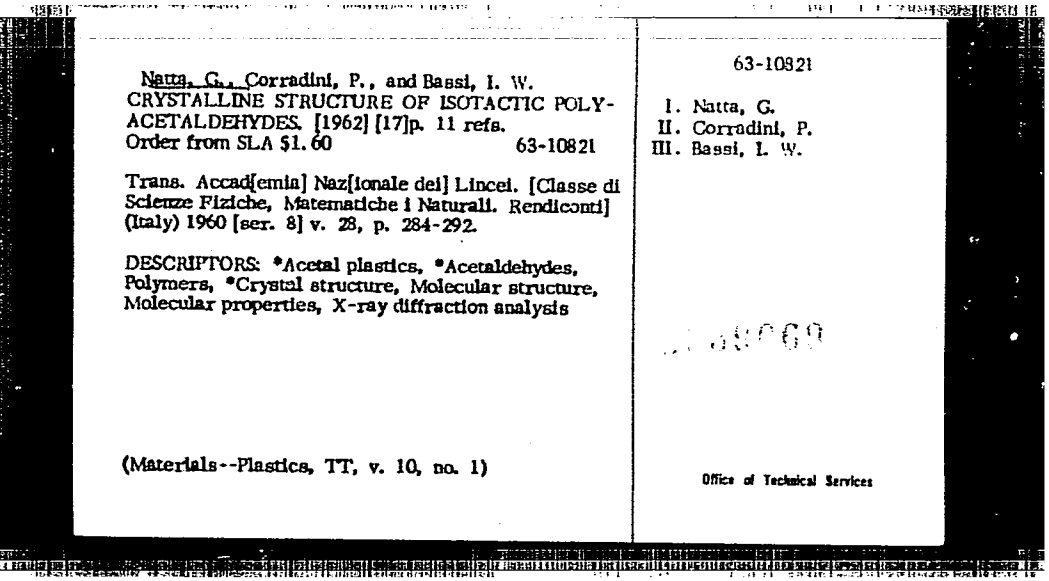

Natta, G., Corradini, P., and Bassi, I. W.
CRYSTALLINE STRUCTURE OF ISOTACTIC POLY-ACETALDEHYDES. [1962] [17]p. 11 refs.
Order from SLA $1.60 63-10821

Trans. Accad[emia] Naz[ionale dei] Lincei. [Classe di Scienze Fiziche, Matematiche i Naturali. Rendiconti] (Italy) 1960 [ser. 8] v. 28, p. 284-292.

DESCRIPTORS: *Acetal plastics, *Acetaldehydes, Polymers, *Crystal structure, Molecular structure, Molecular properties, X-ray diffraction analysis

(Materials--Plastics, TT, v. 10, no. 1)

63-10821

I. Natta, G.
II. Corradini, P.
III. Bassi, I. W.

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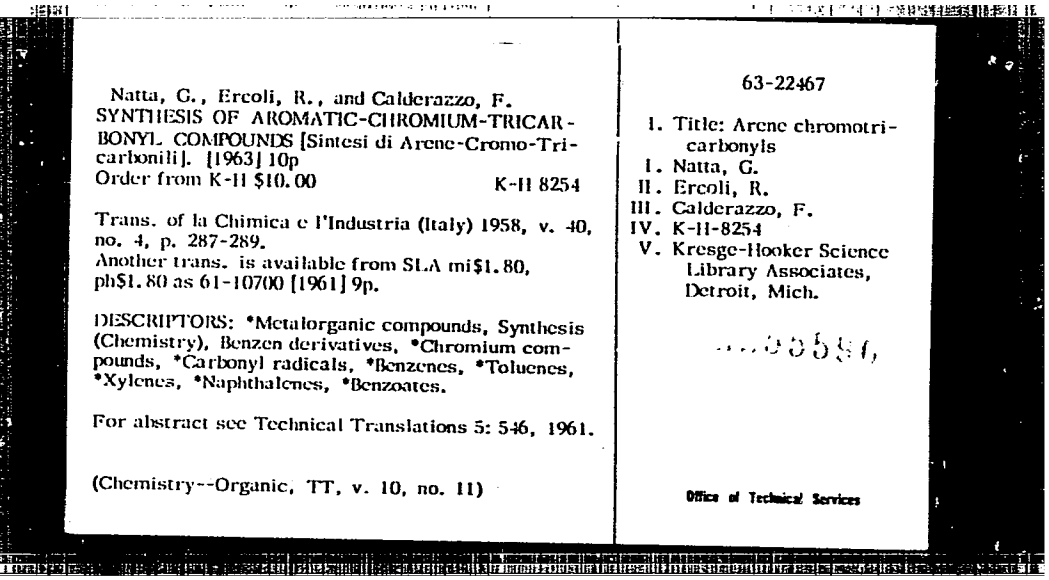

Natta, G., Ercoli, R., and Calderazzo, F.
SYNTHESIS OF AROMATIC-CHROMIUM-TRICARBONYL COMPOUNDS [Sintesi di Arene-Cromo-Tricarbonili]. [1963] 10p
Order from K-II $10.00 K-II 8254

Trans. of la Chimica e l'Industria (Italy) 1958, v. 40, no. 4, p. 287-289.
Another trans. is available from SLA mi$1.80, ph$1.80 as 61-10700 [1961] 9p.

DESCRIPTORS: *Metalorganic compounds, Synthesis (Chemistry), Benzen derivatives, *Chromium compounds, *Carbonyl radicals, *Benzenes, *Toluenes, *Xylenes, *Naphthalenes, *Benzoates.

For abstract see Technical Translations 5: 546, 1961.

(Chemistry--Organic, TT, v. 10, no. 11)

63-22467

I. Title: Arene chromotricarbonyls
I. Natta, G.
II. Ercoli, R.
III. Calderazzo, F.
IV. K-II-8254
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Distribution of the Monomeric Units in Ethylene-Propylene Copolymers, by G. Natta, G. Mazzanti, 23 pp.

ITALIAN, per, Chimica d l'Industria, Vol XLII, No 2, 1960, pp 125-132.

SLA 60-16775

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Di-Isotactic Polymers, by G. Natta, M. Farina, M. Peraldo.

ITALIAN, per, Chimica Industria, Vol XLII, No 3, 1960, pp 225-259.

CTS(Chem)-120

Sci
26 May 62
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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

Natta, G., Beati, E. and others.
GRAFT POLYMERS: POLYSTYRENE GRAFTED ON POLYBUTENE. [1961] 10p. 4 refs.
Order from SLA $1.10 61-16703

Trans. of [la] Chimica e [l']Industria (Italy) 1960, v. 42, no. 4, p. 348-352.
Another translation is available from CTS(Chem) $10.80 as CTS(Chem)-129 [1960] 10p.

DESCRIPTORS: *Polymers, *Butenes, *Styrenes, Polymerization.

For abstract see Technical Translations 4: 313, 1960.

(Chemistry--Organic, TT, v. 6, no. 5)

61-16703

1. Title: Graft polymers
I. Natta, G.
II. Beati, E.

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APPROVED FOR RELEASE: 09/13/ 2001 CIA-RDP84-00581R000100390019-5

Polymerizations Promoted by Metal Amides and Their Stereospecificity, by G. Natta, G. Mazzanti, 16 pp.

ITALIAN, per, Chimica e l'Industria, Vol XLII, No 5, 1960, pp 457-462.

CTS(Chem)-133

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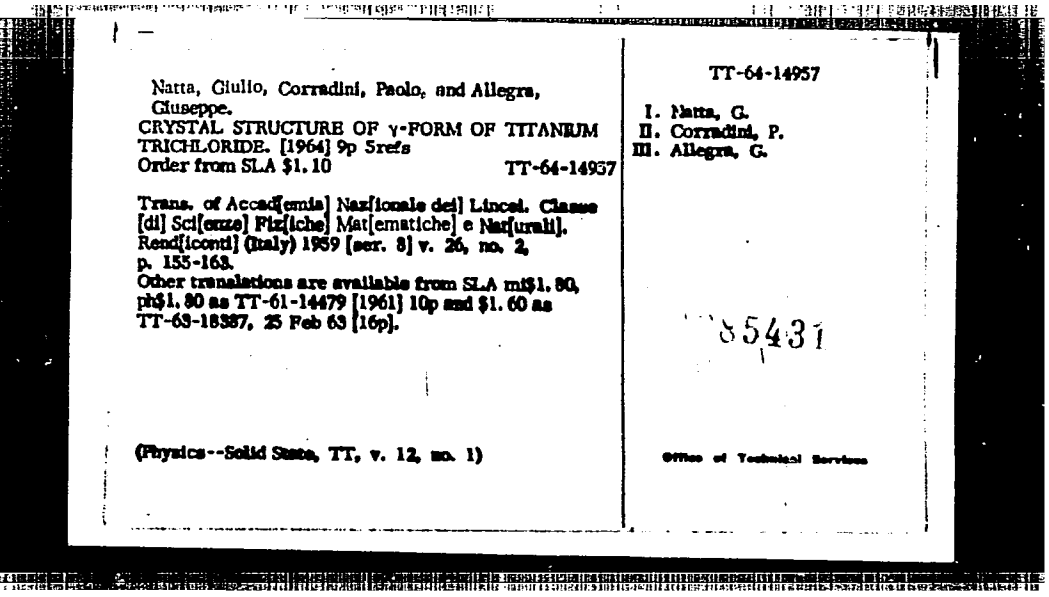

Natta, Giullo, Corradini, Paolo, and Allegra, Giuseppe.
CRYSTAL STRUCTURE OF γ-FORM OF TITANIUM TRICHLORIDE. [1964] 9p 5refs
Order from SLA $1.10 TT-64-14957

Trans. of Accad[emia] Naz[ionale dei] Lincei. Classe [di] Sci[enze] Fiz[iche] Mat[ematiche] e Nat[urali]. Rend[iconti] (Italy) 1959 [ser. 8] v. 26, no. 2, p. 155-163.
Other translations are available from SLA mf$1.80, ph$1.80 as TT-61-14479 [1961] 10p and $1.60 as TT-63-18387, 25 Feb 63 [16p].

(Physics--Solid State, TT, v. 12, no. 1)

TT-64-14957

I. Natta, G.
II. Corradini, P.
III. Allegra, G.

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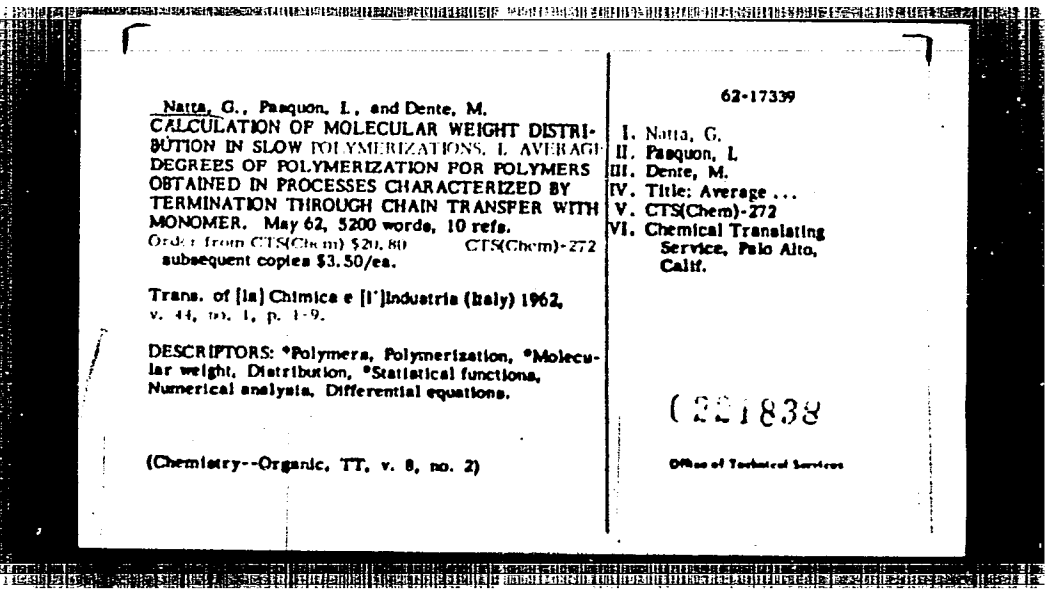

Natta, G., Pasquon, I., and Dente, M.
CALCULATION OF MOLECULAR WEIGHT DISTRIBUTION IN SLOW POLYMERIZATIONS. I. AVERAGE DEGREES OF POLYMERIZATION FOR POLYMERS OBTAINED IN PROCESSES CHARACTERIZED BY TERMINATION THROUGH CHAIN TRANSFER WITH MONOMER. May 62, 5200 words, 10 refs.
Order from CTS(Chem) $20.80 CTS(Chem)-272
subsequent copies $3.50/ea.

Trans. of [la] Chimica e [l']Industria (Italy) 1962, v. 44, no. 1, p. 1-9.

DESCRIPTORS: *Polymers, Polymerization, *Molecular weight, Distribution, *Statistical functions, Numerical analysis, Differential equations.

(Chemistry--Organic, TT, v. 8, no. 2)

62-17339

I. Natta, G.
II. Pasquon, I.
III. Dente, M.
IV. Title: Average ...
V. CTS(Chem)-272
VI. Chemical Translating Service, Palo Alto, Calif.

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Natta, G. and Corradini, P.
GENERAL ASPECTS OF THE CRYSTALLINE STRUCTURE OF STEREOREGULAR POLYMERS. Communication presented at the National Congress of Chemistry (no. 9) held jointly with the Swiss Chemical Society, Naples, 27 May-9 June 62. [1963] 9000 words, 53 refs. Order from CTS(Chem) $36.00 CTS(Chem)-334 subsequent copies $6.00/ea.

Trans. of [Ia] Chimica e [I']Industria (Italy) 1963, v. 45, no. 3, p. 299-314.

DESCRIPTORS: *Polymers, *Stereochemistry, *Crystal structure, Molecular isomerism, Molecular structure, Physical properties, *Plastics, Rubber, *Synthetic rubber, *Fibers

(Chemistry--Physical, TT, v. 10, no. 2)

63-17434

I. Title: Stereoregular polymers
I. Nata, G.
II. Corradini, P.
III. Title: National...
IV. Title: Swiss...
V. CTS(Chem)-334
VI. Chemical Translating Service, Palo Alto, Calif.

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